

Appl. No. 10/788,577
Amdt. Dated August 6, 2007
Reply to Office Action of May 4, 2007

Amendments to the Specification

Please replace paragraphs [0024]-[0025] with the following amended paragraph, respectively:

[0024] The backlight module 36 includes a light source 361, a light guide plate 362, a brightness enhancing film 363, a reflector 365, and a quarter-wave plate 366. The reflector 365, the quarter-wave plate 366, and the light guide plate 362 are stacked from bottom to top in that order. The brightness enhancing film 363 is located between the grooves 367 of the light guide plate 362 and the reflective polarizing element 342 of the liquid crystal panel. The light source 361 is disposed adjacent to the light guide plate 362. A plurality of V-shaped grooves 367 is defined on a top surface of the light guide plate 362, and the top surface faces the reflective polarizing element 342.

[0025] FIG. 2 is a partial essential light paths view of the liquid crystal display in FIG. 1. After passing through the light guide plate 362, ~~Light~~ light beams emitted from the light source 361 are ~~randomly polarized~~ converted into planar light beams T₁ which is decomposed are composed of an s-polarization component and a p-polarization component (denoted by arrows s and p). The s-polarization component is orthogonal to the p-polarization component. The reflective polarizing element 342 of the liquid crystal panel has a polarization axis parallel to the s-polarization component, so that the s-polarization component can pass. The reflective polarizing element 342 also has a reflection axis parallel to the p-polarization component, so that the p-polarization component is reflected to the quarter-wave plate 366.